

CLAIMS

1. Acetabular implant for hip prosthesis comprising:

- a first type of insert (2) having a spherical internal cavity (2a) for the assembly of a hemispherical kernel (4) with an internal cavity (4a) capable of cooperating with a femoral head (T) with an articulation capability;

- a second type of insert (3) having an internal cavity (3a) capable of cooperating with the femoral head (T) with an articulation capability;

characterised in that the centre of rotation of the femoral head (T) is different from the axis of rotation of the above mentioned first type of insert (2) and / or the above mentioned second type of insert (3).

2. Implant according to claim 1, characterised in that it includes a metallic hemispherical shaped cup (1) that can be fixed in the bottom of the acetabular cavity of the iliac bone.

3. Implant according to claim 2, characterised in that the cup (1) delimits an internal cavity (1a) with arrangements for assembly at will, in a fixed manner, of the two above mentioned first and second insert types (2) and (3).

4. Implant according to any one of the previous claims, characterised in that the second type of insert (3) and the mobile kernel (4) are provided with arrangements for the assembly of a ring (5) to assure that the femoral head is retained.

5. Implant according to claim 4, characterised in that the ring (5) is split so that it can be moved apart elastically to be positioned in complementary shaped arrangements at the opening of the insert or the kernel, the ring delimiting a concave internal contact surface with the hemispherical external contact surface of the femoral head.

6. Implant according to any one of the previous claims, characterised in that the arrangements of the internal cavity (1a) of the cup (1) cooperate with complementary arrangements on the outside surface of the two types of inserts (2) and (3) to make a fixation by a clipping effect.

7. Implant according to claim 6, characterised in that the arrangements are composed of a series of truncated circular contact surfaces.

8. Implant according to any one of the previous claims, characterised in that the first type of insert (2) and the kernel (4) are made of ceramic, polyethylene or metal, and the femoral head is made of ceramic or metal.

9. Implant according to any one of the previous claims, characterised in that the insert of the second type (3) is made of ceramic, metal or polyethylene.

10. Implant according to any one of the previous claims, characterised in that the first (2) and second (3) types of inserts and the kernel (4) are made either of metal,

or polyethylene or ceramic, or a combination of these materials, the femoral head being made either of metal or ceramic or a combination of these materials.